

In the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently Amended) An apparatus for recording data about a system comprising:

a memory card comprising a supplemental file and a file storage section;

a processor unit operable to read from and write to the memory card; and

wherein the supplemental file of the memory card is read by the processor unit, the supplemental file instructing the processor unit what data to save in the file storage section; and

wherein the supplemental file contains instructions that causes the processor unit to start and stop recording information when certain defined conditions are met.

2. (Currently Amended) The apparatus of claim 1 wherein the supplemental file of the memory card contains a sequence of hexadecimal characters, the position and bit value of the hexadecimal characters for use in determining the information to record.

3. (Currently Amended) The apparatus of claim 2 wherein a table is used to define defines the relationship between the sequence of hexadecimal characters and the data to be recorded.

4. (Canceled)

5. (Currently Amended) The apparatus of claim [[4]] 1 wherein the certain defined conditions include a predefined aircraft altitude.

6. (Original) The apparatus of claim 1 wherein the memory card is removeably inserted into a slot containing a memory card reader/writer located on the processor unit.

7. (Original) The apparatus of claim 1 wherein the memory card is a COMPACTFLASH card.

8. (Original) The apparatus of claim 1 wherein the supplemental file contains instructions to change the recording rate.

9. (Currently Amended) The apparatus of claim 1 wherein the supplemental file contains instructions indicating the data from which inputs and outputs of the processor units are to be recorded.

10. (Original) The apparatus of claim 1 wherein the memory card is a solid-state memory card.

11. (Original) The apparatus of claim 1 wherein the supplemental file is blank and a set of default parameters are saved to the memory card.

12. (Original) The apparatus of claim 11 wherein the set of default parameters are stored in an aircraft specific database.

13. (Currently Amended) A memory card for storing test data comprising:  
a supplemental file section storing a supplemental file having instruction instructions delineating the data to be recorded; and  
a file storage area for storing data based on the instructions in the supplemental file; and  
wherein the supplemental file contains instructions for starting and stopping recording data when certain predefined conditions are met.

14. (Currently Amended) The memory card of claim 13, wherein the supplemental file comprises a plurality of hexadecimal characters, the position and bit value of the hexadecimal character for use in determining the data to be recorded.

15. (Currently Amended) The memory card of claim 14 wherein a table is used to define defines the relationship between the sequence of hexadecimal characters and the data to be recorded.

16. (Original) The memory card of claim 13 wherein the memory card is a solid-state memory card.

17. (Original) The memory card of claim 16 wherein the memory card is a COMPACTFLASH card.

18. (Canceled)

19. (Original) The memory card of claim 13 wherein the supplemental file contains instructions for changing the recording rate.

20. (Original) The memory card of claim 13 wherein the supplemental file contains instructions for overwriting the data stored in the file storage area.

21. (Original) The memory card of claim 13 further comprising a header section having a configuration file that indicates if the supplemental file is present.

22. (Currently Amended) The memory card of claim 13 wherein the memory card is removeably insertable into a slot on a processor unit.

23. (Original) The memory card of claim 13 wherein the memory card is for use in an aircraft.

24-34. (Canceled)

35. (Currently Amended) A method for recording data concerning a system comprising:

storing a supplemental file on a memory device, the supplemental file containing instructions indicating the data to record;

coupling the memory device to a processor unit;

reading the supplemental file; and

storing the data to the memory device; and

wherein the step of storing a supplemental file further comprises storing a supplemental file containing instructions to start and stop recording data when certain defined conditions are met.

36. (Currently Amended) The method of claim 35 wherein the step of storing a supplemental file further comprises[:]] storing a supplemental file comprises a plurality of hexadecimal characters, the position and bit value of the hexadecimal character for use in determining the parameters to be recorded.

37. (Original) The method of claim 36 further comprising using a lookup table in conjunction with the supplemental file to determine the data to be recorded.

38. (Canceled)

39. (Currently Amended) The method of claim 38 35 wherein the defined condition is a predefined aircraft altitude.

40. (Original) The method of claim 35 wherein the step of coupling the memory device further comprises removeably inserting the memory device into a slot located on the processor unit.

41. (Original) The method of claim 35 wherein the memory device is a COMPACTFLASH card.

42. (Original) The method of claim 35 wherein the step of storing a supplemental file further comprises storing a supplemental file containing instructions to change the recording rate.

43. (Original) The method of claim 35 wherein the memory card is a solid-state memory card.

44. (New) An apparatus for recording data about a system comprising:  
a memory card comprising a supplemental file and a file storage section;  
a processor unit operable to read from and write to the memory card;  
wherein the supplemental file of the memory card is read by the processor unit, the supplemental file instructing the processor unit what data to save in the file storage section; and

wherein the supplemental file contains instructions to change the recording rate.

45. (New) A memory card for storing test data comprising:  
a supplemental file section storing a supplemental file having instructions delineating the data to be recorded;  
a file storage area for storing data based on the instructions in the supplemental file; and  
wherein the supplemental file contains instructions for changing the recording rate.

46. (New) A memory card for storing test data comprising:
- a supplemental file section storing a supplemental file having instructions delineating the data to be recorded;
- a file storage area for storing data based on the instructions in the supplemental file; and
- wherein the supplemental file contains instructions for overwriting the data stored in the file storage area.
47. (New) A memory card for storing test data comprising:
- a supplemental file section storing a supplemental file having instructions delineating the data to be recorded;
- a file storage area for storing data based on the instructions in the supplemental file; and
- a header section having a configuration file that indicates if the supplemental file is present.
48. (New) A method for recording data concerning a system comprising:
- storing a supplemental file on a memory device, the supplemental file containing instructions indicating the data to record;
- coupling the memory device to a processor unit;
- reading the supplemental file;
- storing the data to the memory device;
- using a lookup table in conjunction with the supplemental file to determine the data to be recorded; and
- wherein storing the supplemental file further comprises storing the supplemental file comprising a plurality of hexadecimal characters, the position and bit value of the hexadecimal characters determining the parameters to be recorded.
49. (New) A method for recording data concerning a system comprising:

storing a supplemental file on a memory device, the supplemental file containing instructions indicating the data to record;

coupling the memory device to a processor unit;

reading the supplemental file;

storing the data to the memory device; and

wherein storing the supplemental file further comprises storing the supplemental file containing instructions to change the recording rate.